# The Power of PowerLink Part 1

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### Overview of the Power of PowerLink Part 1

- Security Settings
- Main PowerLink cards
- PowerLink Preferences
- Lists
  - Tool bars
  - Views
  - Subsets
  - Sorts
  - Setting Favorites
- Templates
- Object Preferences
- Shortcut (Control) Keys



# Security



## Security options in PowerLink

토트 Item Warehouse Card			
Name	Domain		Security
(temporary)	*# Public	~	(none) 🗸 🗉
Card properties			

- All views, subsets, sorts, cards, card files, templates have 3 security options
  - PUBLIC
    - Available to anyone in the company
  - PRIVATE
    - Only available to the person who created the option
  - PUBLIC BUT SECURE
    - The option (view, card, etc.) is flagged as 'Public' but a security group is added in the 'Security' field
    - IT will need to create the group and add users to it.
    - Only people in the group will be able to see/use the option



# Main Card File

Understanding the options available for the main card file



### General information

- When you double click to open PowerLink and log in, the main card file and active card displayed is determined by your System Preference settings
  - HINT: Create different card files for different departments
- The icons on the cards are referred to as 'Objects'
  - These can be XA files, Workbenches or Workspaces
- IT can use Enterprise Integrator to create new objects over both XA files and non-XA files (access data files, user created files, etc.)

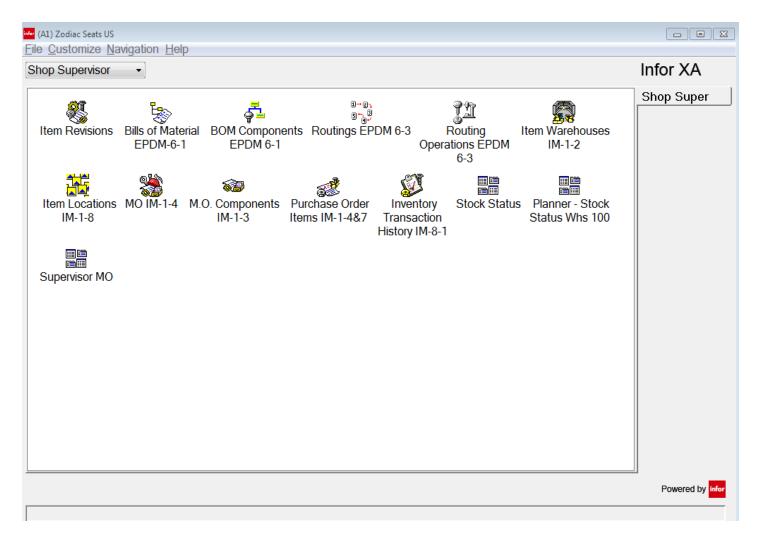


CISTECH DEFA	NULT V									
Warehouses	🔊 Warehouse li	tems Iten	<b>Varehouses</b>	Item Locations	Discrete	<b>S</b> Inventory	Inventory Count	AM Plus Customer <u>S</u> ervio	ce	
	Locations					Transaction History	Groups	Materials		
Inventory Sta	فی tuses Transad Reaso	ction Tra	Insaction Code					F <u>i</u> nance Procurement		
	Reaso	ins L	Descriptions					Environment Integrator		
								RF Physical Invo RF Pick/Pack/S Product Structur	hip	_

Card



#### Alternate Card File for PowerLink



- Shop Supervisors worked only in green screen
- To help them transition, I created a single card with the objects to replace the inquiries they used in green screen
- Set the label of the object to include the green screen 'path'
- Added Workbenches to allow them to use a 'Dashboard-like' set of windows to facilitate inquiry
- Used System Preferences to make this the Shop Floor Supervisor's default card file & card



#### Setting Application Preferences

<sup>infor</sup> (IP) Applicat	tion Prefe	erences		×	
Message dialog Application	s options Main Bi	rowser	Miscell	aneous	
Font Default small font Default large font User font					
User font: Micr Local print font Bluetooth devic	: Courier			Select Select	
No device	.c		$\sim$	Discover	
Continue	Cancel	Help			

- Access Preferences from the 'Customize' pull down menu
- 'Application' card defines font
  - Small is the installed default font
- Use the 'User Font' option to set unique font size, bold, *italics*, etc.
  - HINT: Make the test environment font different from the live environment so that it's clear which environment you're in



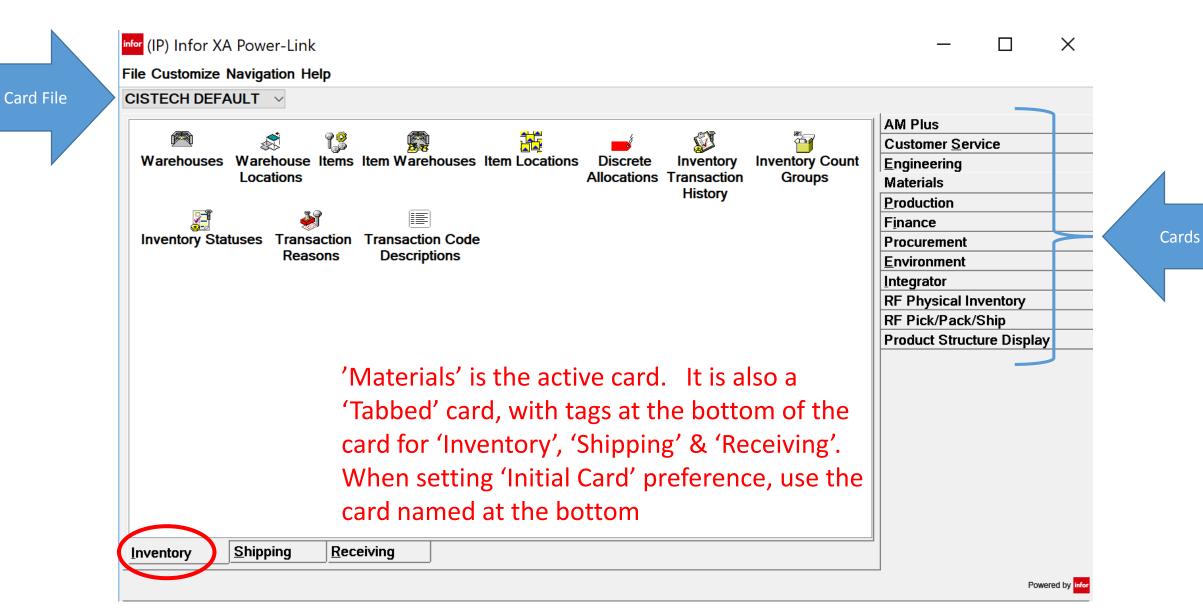
#### Setting application Preferences

<sup>infor</sup> (IP) Applica	ation Preference	S	×
Message dialo	gs options		
Application	Main Browser	Miscellaneous	
Initial card file			
CISTECH DE	FAULT		$\sim$
Initial card			
(public prefere	ence)		$\sim$
Tab style			
Tabs on right			$\sim$
Continue	Cancel Hel	р	

#### • Main Browser Preferences

- 'Initial Card File' defines the card file that will be displayed when signing on
- 'Initial Card' sets the active card
  - HINT: This won't work if you set a tabbed card as the Initial card
  - In a previous slide, the 'Materials' card was identified as a tabbed card. This would NOT be set as the initial card, instead set:
    - Inventory
    - Shipping
    - Receiving
    - As the initial card
- 'Tab Style' determines where the tabs are for the main PowerLink card file only







#### Setting application Preferences

<sup>infor</sup> (IP) Applica	ation Preferences					Х
Application	Main Browser	Miscellaneous	Message dia	logs options		
	tion style Left to rint		~		(system default) n (system default) on (system default)	> > >
Navigation	last occurrence of	same browser		Power Expand le (all)	vels	$\checkmark$
History Limit card attr Export	Limit card attribute maintenance history to 5 entries					
Limit clipboard export to first 9999999 K characters						
Continue	Cancel	Help				

- 'Tab Style' determines where the tabs are for any card file that is opened by double clicking on a line in a list (i.e. every other file in PowerLink)
- Suppress tab for single-card card file
- 'Export' controls the size of the clipboard when exporting data from PowerLink to paste in another application (i.e. Excel)
- 'Open Actions' determine what happens when you double click on a line in a list
  - Open in inquiry mode
  - Open in change mode, etc.
- Power Expand
  - Used for 'explosion' cards such as an indented BOM to open the card fully exploded



### Setting application Preferences

infor (IP) Appli	infor (IP) Application Preferences X						
Application	Main Browser	Miscellaneous	Message dialogs options				
Information Reactiva	-	again' option for al	information dialogs				
	Confirmation dialogs Reactivate 'Do not show this again' option for selected confirmation dialogs Select						
Continue	Cancel	Help					

- Message dialog options
- Allows the user to activate the 'Do not show this again' option for information and confirmation windows that open



# Lists

Double clicking on an object will open a list of records.

This section will explain the options in a list: view, subset, sort & tool bar



#### List

- A list is made up of 3 separate elements:
  - VIEW
    - Defines the colums that will be displayed across the list
    - The view that's used will be the basis for the temporary card that a 'Quick Change' Action will build
  - SUBSET
    - A subset works like a filter in Excel or a 'select records' statement in a query to limit the rows of information displayed
  - SORT
    - The sort defines how the records in the subset are sorted
    - If using the 'Locate' button (or 'Ctrl + F' or 'Ctrl + L') to jump to a specific record, the fields used for the sort will be the fields display in the Locate window
- There is no 'linkage' between view & subset. You can use any view with any subset



### Sample List

			Subs	ets	Tool Bar	Buttons					
						1					
	<sup>infor</sup> (IP) Item Wareho	ouses								- 🗆	×
	File Display Maintain	Custom	ize Naviga	ation Help							
Views	General 🗸 Whs 1		<b>4 🖪</b> 66' 📁 🛓	) 🛋   D 🥖 🚈 `t 🖻   6	3 % 🐺 👬 👬 🖗 🙀	🌆 🎘 🎨 🏔 🖼 🖫	2 🖇 💘 🗞 🖬	- 2			
	🙀 Item Warehouses	5									
	Item 🗠	Whs 🖄	Planner	Primary vendor	Dflt stock loc	On-hand	Stk UM	On-order	Allocated	Available	
	AABALLY	1	0			3,963.000	EA			3,963.000	
	ABALLY	1	0			100.000	EA			100.000	
	AFXMD	1	0	14		-1.000				-1.000	
	AFX01CL	1	0			1.000				1.000	
	B-AFXCL	1		14		21.000				21.000	
	B-AFXCLI	1		14			EA				
	BC14N	1		14			EA				
	BC15N	1	0	14			EA				
	DESKTOP PC	1	100				EA				
	FFB6926	1	0	14		21.000				21.000	
	FFB6929	1	0			21.000	EA			21.000	
	FHK03	1	0	14			EA				
	FMC6701	1	0			21.000	EA			21.000	
	FPV6701	1	0	14		21.000	EA			21.000	
	FPV6903	1	0	14		21.000	EA			21.000	
	I-L0102	1	0				EA				
	IOR-100	1	0				EA				
	MPA302	1	0			9,999,999.999	EA			9,999,999.999	
	NI01	1	0				EA				
	NPY8222DKSILFUM	1	0			10.000	LB		9.000	1.000	
	QSA3	1	0				EA				
	SLX120PWC	1	0		FG01	40.000	EA			40.000	
	SM1023	1	0				EA				
	SN1000	1	0			106.000				106.000	
	TTOUTCIDE	I <b>a</b>	•								



#### **Toolbar Buttons**

- **Create/Add** is the button with the blank sheet of paper •
- **Change** is the button with the pencil
- Quick Change is the button with the pencil with trailing lines
  - Quick change will build a temporary card based on the view being Ο displayed
  - Maintainable fields will be open for change Ο
  - Use the 'Auto Advance' option (lower left corner of the card) to Ο move automatically to the next item/order
  - If all items/orders have the same field being changed to the same Ο value, use a change template so you don't have to key the information into each field
- **Delete** is the button with the trash can •
- **Copy** is the button with the 2 sheets of paper with text



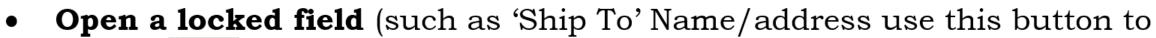


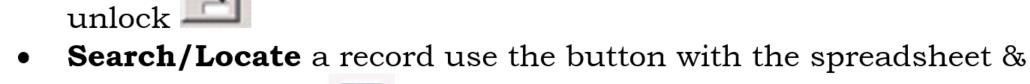




### PowerLink buttons

- **A Calendar** is available for date fields
  - You can key the date manually or select from the calendar
- **A Magnifying Glass** button will allow you to search on the field (Like using F4 or ? in green screen)
- **Right Justify** (same as using the + key/field exit in green screen)





magnifying glass









# Creating a List



## Customizing A view

- Use the 'Customize' option from the Menu bar and select 'View'
- The view controls what information is in each column



<sup>infor</sup> (IP)	Item War	ehouse Vie	WS	_		×
Item	Warehouse Views					
Desc	cription					-
# CC # Fo # Fo # Fo # EP # Pr # Pr # PR # So	OP Parms OGS osts precast eneral eneral (Alt) m/Whse/S anning	ite ad Time				
All	Public	Private	Favorit	es		
Continue Cancel Help						

- When creating a new view, a list of existing views will be displayed
  - Click on the 'Create' button D With an existing view highlighted and the existing view will be copied
  - NOTE: Infor ships PowerLink with their views, subsets, cards, etc. YOU SHOULD NOT CHANGE THESE since new versions can replace them and you would lose your changes! For example, single click on General then click the 'Create' button to copy general and save it with a different name
  - Double click on 'New' at the top of the list to begin a new view from scratch



infor (IP) Edit Item Ware Item Warehouse View Name	house View	Secu		×	(
(temporary)	<sup>1</sup> <sup>2</sup> Public	√ (non	e)	VE	]
Presentation options					
Scheme (none)	~	· 🕰			
Future allocation quant in-transit on-hand quar in-transit on-hand quar incoming in-transit ota- lacoming in-transit tota Last date affecting qua	uantity d - planning (calculated) ity ity (calculated) itity allocated (calculated) nand quantity i quantity ntity on hand ntity on hand - planning (calcula ning) hand quantity	ted)		~	
Selected attributes	>				
Description Warehouse Item	Column heading Whs Item	Cursor La No W No Ite	arehouse		
<				>	
Save Save as	s Apply Cancel	Help			

- When customizing a view, the 'Available Attributes' section will show all fields from all files
- Select a field by double clicking on the field
- It will drop to the bottom of the list UNLESS you have single clicked (i.e. highlighted) a field in the 'Selected Attributes' section
  - If there is a highlighted field in Selected Attributes, PowerLink will add the new field immediately below the highlighted field
  - To UN-HIGHLIGHT a field, hold the 'Ctrl' key and single click on the



record

<sup>infor</sup> (IP) Edit Item Warehouse V	/iew		_	×
Name (temporary) Presentation options	Domain <sup>1</sup> st Public	Security		- E
Scheme (none)	✓ <u>×</u>			
Available attributes Restricted List           Description           + @ Item Warehouse           + @ Default stock location           + @ Item Planning           + @ Item Planning           + @ Item Revision           + @ Planner           + @ Vendor				4
Selected attributes	Oshuma has dias	Ourses Labo		 <b></b>
Warehouse	Column heading Whs Item	Cursor Labe No Ware No Item	l house	
<				>
Save Save as	Apply Cancel He	elp		

- If you want to select the file that they field comes from, click on the 'By Object' tab
- Click on the + sign to the left of the file name and only the fields from that file will be displayed



l						
	<b>□ Availa</b>	ble att	ributes			
	Descri	otion				
	Default Deman	stock d time		(Item Revision)		
	Descrip Descrip Descrip Descrip Descrip	otion otion otion otion otion	Current Current Enterpri	Primary Bill Of Material) Primary Item Process) se Item) vision) use Location Extension)		
	DFI Identification number DFI number qualifier Dimensional UM Discount lost last year Discount lost last year (alternate currency) Discount lost last year (local currency)					
	All	By Ob	ject			

Soloctod attributos

- When you see the same field listed multiple times in the view, it means that the same field name exists in multiple records
  - The field name with no parenthesis means that it's coming from the primary file
    - The example to the right is from the Item Warehouse (Balance) record, there is no 'Description' field in that record, but, if there were, it would be displayed without anything following in parethesis
  - The file name in parenthesis after the field name is showing the file name that the field is from



(IP) View definition	×
Quantity on-hand	Numeric (9,999,999.999)
Column heading	
On-hand	
	)
3 ¢ Number of de	ecimals to display
Rounding method	Half adjust 🗸 🗸
Content	Value
Presentation width	12
Column statistics	(none) ~
Scheme	(Same as view) 🗸 🕅
Presentation Qu	ick change
Continue Cance	el Help

- When adding a field to the view you can change the:
  - Column Heading
    - NOTE: changing the column heading does not change the field description, it only changes the label for the column in the view
    - If you want a 2 or 3 line Column Heading, hold Ctrl and press Enter to go to the next line
  - Number of decimals
    - NOTE: change the decimals does not affect the data only the number of decimals in the view
  - Width of the field
    - To fit more fields on the screen, you may want to change the width of the fields. The default number is the number of characters in the field definition which is displayed in the upper right



(IP) View definition	×					
Quantity allocated (customer orders	•					
	Numeric (9,999,999.999)					
Column heading						
CO Alloc						
0						
Rounding method	Half adjust $\vee$					
Content	Value					
Presentation width	6					
Column statistics	(none) ~					
Scheme	(none)					
	Count					
Presentation Qu	Total					
	Average					
Continue Cance	Minimum					
outink 20	Maximum					

#### Column Statistics

- For numeric fields, there are 6 options that can be selected (only 1 can be selected for a column)
  - No statistic
  - Count the number of records (also available for Alpha-Numeric fields)
  - Sum the values in the column
  - Calculate an average
  - Show the lowest number (minimum)
  - Show the highest number (maximum)
- If you select a statistic and it doesn't display at the bottom of the column, click 'File' then 'Calculate Column Statistics' from the list



(IP) View definition	×
Stocking UM (Item Revision)	Character (2A
Column heading	
Stk UM	
Display value in r	nixed case
Content	Value ~
Presentation width	Value Alias
Column statistics	Both
Scheme	(Same as view) 🗸 🕅
Presentation Qu	ick change
Continue Cance	el Help

- When adding a field that is a code file (i.e. Item Class) you can specify that, for the view, you want the:
  - VALUE 4 character code
  - ALIAS description of the code
  - BOTH both value and alias
- There are also XA defined fields (Item Type) that provide the same options



#### Sample List with new view

infor (IP) Item Warehouses

- 0

 $\times$ 

#### File Display Maintain Customize Navigation Help

Nhs 🗠	Item 🗠	Description	Stk UM	On-h	and MO Qty	PO Qty	CO Alloc	MO Alloc	On-hand \$	
	1100	Processor, 166 Mhz	EA = Each	9,990		0	4	0	3,327,703.96	
	1100OC	Stepping Stones	EA = Each	1,000,000		ő	0	ő	0.00	
	1101	PROCESSOR, 200	EA = Each	772.		ő	14	ő	347,850.46	
	1101OC	Concrete	EA = Each		00 00	ő		ő	0.00	
	1102	PROCESSOR, 200	EA = Each	913		Ő	4	Ő	647,064.56	
	1102OC	SAND	EA = Each		00 00	Ő	o O	Ő	0.00	
	1103	PROCESSOR, 3XC	EA = Each	813		Ō	Ō	Ō	619,713.31	
Ì	1104	SPEAKERS	EA = Each	16,225		900	516	Ō	1,025,582.25	
Ì	1105	MOUSE	EA = Each	7,670		0	135	Ō	91,963.30	
1	1106	KEYBOARD	EA = Each	9,983		0	32	0	313,965.35	
1	1107	KEYBOARD ERGO	EA = Each	14,885		0	702	0	530,650.25	
1	1108	MOUSE ERGO	EA = Each		000 000	0	11	0	1,057.05	
1	1109	MOUSE PAD	EA = Each	49,980	000 000	0	0	0	49,980.00	
1	1110	SOFTWARE, WIN 95	EA = Each	1,000	000 000	0	0	0	29,000.00	
1	1111	SOFTWARE, WIN 98	EA = Each	10,000	000 000	0	0	0	890,000.00	
1	1112	SOFTWARE, WIN NT CLIENT	EA = Each	20,000	000 000	0	0	0	5,980,000.00	
1	1113	SOFTWARE, WIN NT SERVER	EA = Each	10,000	000 0	0	0	0	10,990,000.00	
1	1114	PROCESSOR, 4XC	EA = Each	10,000	000 0	0	0	0	7,622,550.00	
1	1115	PROCESSOR, 45X	EA = Each	10,000.	000 000	0	0	0	7,622,550.00	
1	1200	MOTHERBOARD, Type I	EA = Each	9,995.	000 000	0	5	0	1,971,698.66	



# Subsets



## Creating a Subset

- Subsets limit the ROWS of data to be included.
- They are similar to a filter in Excel or a 'Select Records' statement in a query
- The actions to create a subset are similar to the actions to create a view
- There can be multiple fields in a subset joined by either 'And' or 'Or'
  - Using the 'Or' option means that you are starting over.
    - For example, if I wanted all records in warehouse 1 with a quantity on hand for Item Classes A or B, my statement would read
      - Warehouse = 1
      - And Quantity on hand not equal to 0
      - And Item Class = A
      - OR Warehouse = 1
      - And Quantity on Hand not equal to 0
      - And Item Class = B
    - For those of you who are trying to tell me now that I could have used a list in the Item Class field, I'm aware of that but trying to make a point about how to use an 'Or' statement



<sup>infor</sup> (IP)	Item Wa	rehouse Si	ubsets		×
Item	Warehouse Subs	ets			
(n <sup>4</sup> 1 <sup>4</sup> Bl <sup>4</sup> 1 <sup>4</sup> B\ <sup>4</sup> 1 <sup>4</sup> C( <sup>4</sup> 1 <sup>4</sup> C)	Products / Item OGS vcle count	class			
######################################	as planning as planning last planning last planning cluded in r force Load em Class N em Classes ems betwee ad Time T aster level anner anning ord anning wa urchase Le	et change   1P3 between en est items lers not revi rehouse itel ad Time	idations (ceptions planning		
All	Public	Private	Favorites		
Cont	inue	Cancel	Help		

- The same rules that were explained about views work the same way with subsets
  - Double clicking on 'New' at the top of the list starts a new subset
  - Highlighting an existing view and clicking on the create button on the right side will copy the existing view and allow you to make additions, changes or deletes then assign a new name



<sup>infor</sup> (IP) Edit Item Wareh	ouse Subse	et					-	×
Item Warehouse Subset		<b>.</b> .				<b>o</b>		
Name		Domain				Security		_
(temporary)		*** Public	2		$\sim$	(none)		VE
Subset Properties	olumn statis	tice						
	Jumn statis	ucs						
Print options								
Statistics								
Blank lines before	0							
Message								
Scheme	(none)							~ 🕱
Available attributes     Description     10 Character     1099 recipient (derived)     1st subdivision emptv     20 Characters     2nd subdivision emptv     3rd subdivision emptv     4th subdivision     4th subdivision	Revision Pu	rch						~ #
Selected attributes								
Desc Relati	Oper Pr	om						\$ \$
Save Save as	Ap	oply	Cancel	He	lp			

• Fields in the 'Available Attributes' section are selected as criteria for the various filters



(IP) Subset definition	×
	Character (3A)
Relational operator Containment	Operand type <ul> <li>Constant value <ul> <li>List</li> </ul> </li> </ul>
Inequality	Field value   Range
Equal	Value
◯ Not equal	Prompt for value Preference
Logical operator	
And Or	
Continue Cancel	Help

- There are multiple 'cards' on the left side of the window to choose from:
  - Equality
  - Inequality (greater than/less than)
  - Containment (contains, begins, ends)
- Operand Type defines
  - Single value
  - Multiple values (list)
  - Range
  - Field Value select a field from a list
- Value is the information in the record that is being matched
  - Prompt for value will display a pop up window
  - Preference will use the setting in your preferences



(PG) Subset definition	×
Transaction date	Date (mm/dd/yyyy)
Relational operator	Operand type
Equality	Constant value     List
Inequality O Greater than	Field value Range
Greater or equal	Value
	(specific date) V / /
Less than	(specific date)
Less or equal	-2 years -1 year
	-11 months
	-10 months
[	9 months -8 months
Logical operator	-7 months
And     Or	
Continue Cancel	Help

- Using date fields
  - Typically use the 'Inequality' card to select greater or less than to get a range of dates
  - Instead of entering a specific date that you have to constantly change, select a value from a range of -2 years to +2 years
  - As the date on the iSeries/AS400 changes, so will the date in your subset



(IP) Subset definition		×
Date of last usage		Data (mm/dd/ana)
Relational operator	Operand type	Date (mm/dd/yyyy)
Equality	O Constant value	◯List
Equal	◯ Field value	Range
◯ Not equal	Range	
	(specific range)	$\sim$
	(specific range)	<u>^</u>
	(last year)	
	(last quarter)	
	(last month) (last week)	
	(current week)	
Logical operator	(current month)	
● And ○ Or	(current quarter)	~
Continue Cancel	Help	

- If the option for 'Range' of dates is selected, the pull down options for the range can provide the same automatic update of date ranges
- If you want to enter the date range manually each time you apply the subset, use the 'Inequality' tab
  - Select 'Greater Than or Equal' and check 'Prompt for value'
  - Then add the same date field with 'Less than or equal' and check 'Prompt for value'
  - Each time the subset is applied, the date range window will be displayed



#### List with Subset of 'WHSE = 1 & QTY NE 0'

#### <sup>infor</sup> (IP) Item Warehouses

#### File Display Maintain Customize Navigation Help

#### Conf Pre... 🗸 Whs 1 w... 🗸 🛤 🖪 🖉 🖉 🥔 📹 🗅 🦯 🦽 🖬 🕺 🗞 👬 👬 🛱 🛤 🕅 🏶 🖀 🖼 🖓 🎕 🖓 💐 🌺 🦉

#### Item Warehouses

Whs 🖄	i Item 🗠	Description	Stk UM	On-hand	MO Qty	PO Qty	CO Alloc	MO Alloc	On-hand \$
1	AABALLY	AABALLY	EA = Each	3,963.000	Ō	Ō	0	0	0.00
1	ABALLY	ABALLY	EA = Each	100.000	0	0	0	0	0.00
1	AFXMD	AF/X BODY	EA = Each	-1.000	0	0	0	0	-85.00
1	AFX01CL	'64-'72 BODY GM DISC CONV(LA)	EA = Each	1.000	0	0	0	0	166.82
1	B-AFXCL	AFX FRONT CONV	EA = Each	21.000	0	0	0	0	54.60
1	FFB6926	OM-LFT FRNT POW DISC BRAKE	EA = Each	21.000	0	0	0	0	210.00
1	FFB6929	OM-RIGHT FRONT POW DISC BR	EA = Each	21.000	0	0	0	0	420.00
1	FMC6701	OM-REAR MSTR CYL, LINE SQU	EA = Each	21.000	0	0	0	0	21.00
1	FPV6701	OM MSTR CYL TO PROP.VALVE	EA = Each	21.000	0	0	0	0	21.00
1	FPV6903	OM PROPOR.VALVE TO DIST B	EA = Each	21.000	0	0	0	0	21.00
1	MPA302	MPA302	EA = Each	9,999,999.999	0	0	0	0	0.00
1	NPY8222DKSILFUM	Yarn 8222 Dark Silver 2000/fz	LB = Pounds	10.000	0	0	9	0	0.00
1	SLX120PWC	SLX 120HP POLARIS MARINE PWC	EA = Each	40.000	0	0	0	0	0.00
1	SN1000	Serial Number Item	EA = Each	106.000	0	0	0	0	0.00
1	VS30.63AB	Vista Shag Dk Silver Action Bk	SY = Sq Yard	6,493.330	0	0	0	0	0.00
1	055553	Socle Saillie P17 IP44 16A ACH	EA = Each	-1.000	0	0	0	0	-21.00
1	1000	PC, 166 MHZ, DESKTOP	EA = Each	106.000	121	0	237	0	67,502.11
1	1000OC	BRICKS	EA = Each	10,000.000	0	0	0	0	0.00
1	1001	PC, 900 MHZ, DESKTOP	EA = Each	14,710.000	0	0	178	0	14,932,536.56
1	1002	PC, 266 MHZ, DESKTOP	EA = Each	10,000.000	0	0	30	0	13,555,682.50
1	1003	PC, 300 MHZ, DESKTOP	EA = Each	10,009.000	0	0	0	0	14,103,679.40
1	1006	PC ASSY	EA = Each	20,000.000	0	0	0	0	0.00
1	1100	Processor, 166 Mhz	EA = Each	9,990.000	0	0	4	0	3,327,703.96
1	1100OC	Stepping Stones	EA = Each	1,000,000.000	0	0	0	0	0.00
1	1101	PROCESSOR, 200	EA = Each	772.000	0	0	14	0	347,850.46
1	1102	PROCESSOR, 200	EA = Each	913.000	0	0	4	0	647,064.56
1	1103	PROCESSOR, 3XC	EA = Each	813.000	0	0	0	0	619,713.31
1	1104	SPEAKERS	EA = Each	16,225.000	0	900	516	0	1,025,582.25



### **Temporary Subset**

#### <sup>infor</sup> (IP) Item Warehouses

File Display Maintain Customize Navigation Help

### 

Whs 🖉	🖞 ltem 🛆	I	Deceniation		Stk UM
1	AABALLY	Cı	ustomize >	Column	EA = Ea
1	ABALLY	C+	atistics		EA = Ea
1	AFXMD	51	ausucs	Subset criteria	EA = Ea
1	AFX01CL	•	64-'72 BOI	DT GMI DISC CONV(LA	) EA = Ea
1	<b>B-AFXCL</b>	1	AFX FRON	T CONV	EA = Ea
1	FFB6926		OM-LFT FF	RNT POW DISC BRAKE	E EA = Ea
1	FFB6929		OM-RIGHT	FRONT POW DISC BF	R EA = Ea
1	FMC6701		OM-REAR	MSTR CYL, LINE SQU	EA = Ea
1	FPV6701		OM MSTR	CYL TO PROP.VALVE	EA = Ea
1	FPV6903		OM PROPO	DR.VALVE TO DIST B	EA = Ea
1	MPA302	I	MPA302		EA = Ea
4	NDV000001/CI		/ 0000	Daal/ Cilvaa 2000/4-	

- If you right click on the column heading you will have an option to create a temporary subset for that column
  - The 'Selection Criteria' card will be displayed to allow for Equal, Inequality or Containment
- If you use a Temporary Subset, hold the 'CTRL' key and press 'Z' (i.e. undo) to return to the original subset

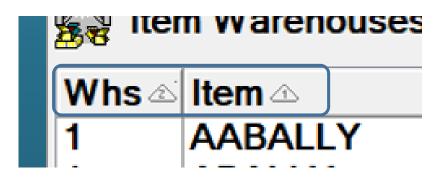


# Sorts



### Sorts

- Any field can be used to sort the list with
- In the title of the column, the sort fields will have a triangle with a number in the sort fields
  - If the triangle is pointing up, it is an 'ascending' sort
  - If the triangle is pointing down, it is a 'descending' sort
  - The number in the triangle will designate the first sort field, second sort field, etc.
- You can hover the mouse over the 'Locate' button 🔝 and the sort fields will be displayed





### Creating Sorts

<sup>infor</sup> (IP)	Item War	ehouse Sorts	. —		×
Be Item	Warehouse Sorts				
Des	cription ew) etault)				
<sup>1</sup> 1 <sup>1</sup> C( <sup>1</sup> 1 <sup>1</sup> Pl	onsolidated anner, ware	Balance Repo bouse, item	ort		Ĩ
					× ®
All	Public	Private F	avorites	;	
Conti	nue Ca	ncel He	lp		

 Again, same process as views and subsets



### Creating Sorts

<sup>infor</sup> (IP) Edit Item Wa	rehouse Sort		—		×
ttem Warehouse Sort Name (temporary)	Domain <sup>1</sup> 4 <sup>1</sup> Public	~	Security (none)		~ <b>E</b>
Available attributes					
Description Implementation statu In-transit on-hand qu Include inventory bal Incoming in-transit o Incoming in-transit to Inside diameter Inspect on receipt ( Inventory code (Iter Inventory status)	iantity (calculated) iantity allocated (ca ance n-hand quantity tal quantity Item Revision)				^ #A
Item Item (Current Base	rv Item Process) Cost)				~
Description Sort se	eque   Subtotals				
Save Save	as Apply	Cancel	Help	)	

- Multiple fields can be selected for a sort
- The order of the fields in the 'Selected Attributes' section will determine the sort of the list of records



### Creating sorts

(IP) Sort definition	×
Item	Character (15A)
Sort sequence	
Ascending	
Print options	
Subtotals	
Blank lines before	0
Message	Item: &item&
Scheme	(default)
Blank lines after	0
Page break after	
Continue Cano	el Help

- Select 'Acending' or 'Descending' for the field
- Can insert 'Sub-Totals' which are used when exporting the list to Excel



### **Creating Sorts**

<sup>infor</sup> (IP) Item Warehouses

#### <u>File Display Maintain Customize Navigation Help</u>

### Conf Pre... Whs 1 w... A E Image: Conf Pre... Image: Conf Pre...

🔋 Ite	m Warehouses	Locate								
Whs 🖄	Item 🗠	D∈Sort: (default)		Stk UM	On-hand	MO Qty	PO Qty	CO Alloc	MO Alloc	On-hand \$
1	AABALLY	A/ Item Ascending		EA = Each	3,963.000	Ő	Ó	0	0	0.00
1	ABALLY	AE Warehouse Ascending		EA = Each	100.000	0	0	0	0	0.00
	AFXMD	AF/X BODY		EA = Each	-1.000	0	0	0	0	-85.00
	AFX01CL	'64-'72 BODY GM DISC CON	IV(LA)	EA = Each	1.000	0	0	0	0	166.82
1	B-AFXCL	AFX FRONT CONV	. ,	EA = Each	21.000	0	0	0	0	54.60
	FFB6926	<b>OM-LFT FRNT POW DISC B</b>	RAKE	EA = Each	21.000	0	0	0	0	210.00
	FFB6929	OM-RIGHT FRONT POW DIS	SC BR	EA = Each	21.000	0	0	0	0	420.00
	FMC6701	<b>OM-REAR MSTR CYL, LINE</b>	SQU	EA = Each	21.000	0	0	0	0	21.00
	FPV6701	OM MSTR CYL TO PROP.V	ALVE	EA = Each	21.000	0	0	0	0	21.00
	FPV6903	OM PROPOR.VALVE TO DIS	ST B	EA = Each	21.000	0	0	0	0	21.00
	MPA302	MPA302		EA = Each	9,999,999.999	0	0	0	0	0.00
	NPY8222DKSILFUM	Yarn 8222 Dark Silver 2000/f	z	LB = Pounds	10.000	0	0	9	0	0.00
	SLX120PWC	SLX 120HP POLARIS MARIN		EA = Each	40.000	0	0	0	0	0.0
	SN1000	Serial Number Item		EA = Each	106.000	0	0	0	0	0.00
	VS30.63AB	Vista Shag Dk Silver Action E	Bk	SY = Sq Yard	6,493.330	0	0	0	0	0.0
	055553	Socle Saillie P17 IP44 16A A	СН	EA = Each	-1.000	0	0	0	0	-21.0
	1000	PC, 166 MHZ, DESKTOP		EA = Each	106.000	121	0	237	0	67,502.1
	1000OC	BRICKS		EA = Each	10,000.000	0	0	0	0	0.0
	1001	PC, 900 MHZ, DESKTOP		EA = Each	14,710.000	0	0	178	0	14,932,536.5
	1002	PC, 266 MHZ, DESKTOP		EA = Each	10,000.000	0	0	30	0	13,555,682.50
	1003	PC, 300 MHZ, DESKTOP		EA = Each	10,009.000	0	0	0	0	14,103,679.40
	1006	PCASSY		EA = Each	20,000.000	0	0	0	0	0.00
	1100	Processor, 166 Mhz		EA = Each	9,990.000	0	0	4	0	3,327,703.96
	1100OC	Stepping Stones		EA = Each	1,000,000.000	0	0	0	0	0.00
	1101	PROCESSOR, 200		EA = Each	772.000	0	0	14	0	347,850.46
	1102	PROCESSOR, 200		EA = Each	913.000	0	0	4	0	647,064.56
	1103	PROCESSOR, 3XC		EA = Each	813.000	0	0	0	0	619,713.31
	1104	SPEAKERS		EA = Each	16,225.000	0	900	516	0	1,025,582.2
	1105	MOUSE		EA = Each	7,670.000	0	0	135	0	91,963.30
	1106	KEYBOARD		EA = Each	9,983.000	0	0	32	0	313,965.35
i	1107	KEYBOARD ERGO		EA = Each	14,885.000	0	0	702	0	530,650.25
1	1108	MOUSE ERGO		EA = Each	81.000	0	0	11	0	1,057.05
i i	1109	MOUSE PAD		EA = Each	49,980.000	0	0	0	0	49,980.00

If you hover the mouse over the 'Locate' button the sort fields will be displayed





- This option is, in my opinion, the most underused and biggest contributor to efficiency in PowerLink
- Setting favorites in views & subsets will limit the options shown when using the pull down window to select the view/subset to apply
- All views/subsets can still be accessed to use one that is not flagged as a favorite



inter (IP) Item Warehouse V	'iews	_		×
Item Warehouse View	S			
Description				
(new) <sup>1</sup> <sup>1</sup> (ROP Parms <sup>1</sup> <sup>1</sup> COGS				
Conf Presen	tation			
<sup>1</sup> Costs <sup>1</sup> <sup>1</sup> Forecast				$\mathbf{x}$
General				
<sup>1</sup> <sup>1</sup> <sup>1</sup> <sup>1</sup> <sup>1</sup> General (Alt <sup>1</sup> <sup>1</sup> <sup>1</sup> <sup>1</sup> Item/Whse/S <sup>1</sup> <sup>1</sup> <sup>1</sup> Planning <sup>1</sup> <sup>1</sup> <sup>1</sup> Profit				
<sup>1</sup> Purchase Le <sup>1</sup> Replication <sup>1</sup> Slow Moving <sup>1</sup> Warehouse	ad Time I Inventory			
All Public	Private	Favorite	S	
Continue Can	cel Hel	р		

- Select the views/subsets that you want to flag as a favorite by holding down the 'Ctrl' key and clicking on the options
- Click on the 'Favorite' button 🖄
- The gold star will appear to the left of the options selected as favorites
- To remove an option as a favorite, click on the 'Remove Favorite' button



### • Before

#### 🔤 (IP) Item Warehouses

### File Display Maintain Customize Naviga

General ~	(all rec	or ~	🙀 📉 60' 阿 🚙
COGS	ehouses	;	
Conf Present		Whs 🖄	Planner
Costs		CBP	200
Forecast		CBP	0
General		CBP	0
General (Alt)		AUS	0
Item/Whse/S		CAM	0
Planning		1	0
Profit		ΔUS	513
Purchase Lea			
Replication			
Slow Moving			
Warehouse			

### • After

#### infor (IP) Item Warehouses

### File Display Maintain Customize Naviga

General ~	(all rec	or ~	🙀 📉 60' 🔛 🚑			
Conf Present Costs						
General		Whs 🖄	Planner			
Purchase Lea		CBP	200			
(all definitions		CBP	0			
403 01023		CBP	0			
AAA		AUS	0			
AABALLY		CAM	0			
AABALLY		1	0			
∆∆∩19 <		ΔUS	513			





ile Display	Mai	ntain Customize Navigation H	lelp		
General Purchas Order △		Create Change Quick Change Delete	Insert Delete	<mark>⊗ \$ 6 1 1 2 2 2 2 2 2 5 2 2 2 5 2 2 2 2 2 2 2</mark>	0
PADRIAN P100002 P000001 P000501 P000509 P000534 P000625 P000626 P000627 P000628	1 ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●	Copy Cancel Activate Change Replication Settings Normal Close Force Close Receive Complete Undo Close Vendor Accept		Supply Supply oration Supply Supply Jetal Fabrication - Tampa Supply Int'l Jetal Fabrication - Tampa Supply Int'l	60 60 60 60 60 60 60 60 60 60 60
P000629 P000630 P000631 P000632 P000633	R 1 1 1 1	Mass Force Close Mass Change Mass Change Comments Mass Delete		Supply Metal Fabrication - Tampa Supply Supply	60 60 60 60 60
P000634 P000635 P000636	2 2 8	Buyer options Vendor options Warehouse Address options	> > >	Supply Supply Supply Supply	60 60 60
P000637 P000639		Templates	>	Create Templates	50 50
P000640 P000641 P000643 P000645		107650	Americas Americas Americas		50 50 50

- Templates are used when you create, change or copy information
- Use of templates will reduce keystrokes and help insure data accuracy
- Used for MO's, PO's & CO's in addition to items, item warehouses, etc.



(IP) Template definition	×
Bill-to address 1	01 (05 4)
	Character (35A)
Usage	
Provide default value only	$\sim$
Prompt for value only	
Provide default value only	
Prompt for value and provide of	default value
Prompt options	
Position cursor	
0 🗘 Number of indents	
Label	<b>Bill-to address 1</b>
Content	Value
Visual control	Entry field V
Continue Cancel Help	

• 3 'Usage' options when creating a template:

### • Prompt for value only

- Adds the field to the card with no default value
- Prompt for value and provide default value
  - Add the field to the card
  - Shows the default value which can be changed
- Provide default value only
  - Will add the default value to the field without displaying the field on the card
- Options
  - Retain previous value
    - Leaves the information from the last added order or record in the field
  - Position cursor
    - Designates the active field when adding a record



infor (IP) Edit Purchase Order Create	e Template		_	
Purchase Order Create Template	Domain	Secu	rity	
(temporary)	*# Public	√ (none		VE
Options				
Card file (system default)	$\sim$ Initial ca	ard (system defau	ult)	×
Return here to create another	Preview before create Foc	us navigation styl	le (application	preference)
Available attributes				
Description Free on board description Freight charge Freight nature Freight tax class Freight tax ransaction type				^ #
Freidht unit Hold from print IFM approver Include item quantities (derived) Maintenance control Notes method				~
All By Object				
Selected attributes				
Description Labe	el Default value	Prompt C	ursor Retain	Indents
Order Orde Buver Buve	r	Yes N Yes N	o Yes o Yes	0
Vendor Vend Warehouse Ware Bill-to address 1 Bill-to	ehouse	Yes No Yes No Yes No	o Yes o Yes o No	
Ship-to address 1 Ship- FOB FOB	b address 1 998 -to address 1 999 OUR DOCK	No No	o Yes o Yes	
Save Save as A	pply Cancel	Help		

- Can define the card file and initial card to be displayed when using the template
- Can check/un-check 'Return here to create another' and 'Preview before create'
- In the 'Selected Attributes' section, fields with a check to the left are the fields that will be shown on the create window

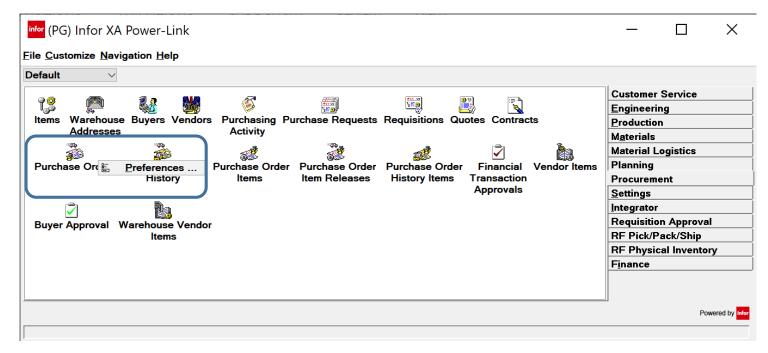


# **Object Preferences**



## Setting Object preferences

- Can right click on any object the main card file to set personal preferences
- Can also use (from the menu bar) 'Customize' then select 'Preferences'
- Preferences are designed to make you more efficient when working in PowerLink/XA and are the most underused options in PowerLink/XA





### **Object Preferences - General**

<sup>infor</sup> (IP) Purchase Order Preferences	×
Defaults	General
Buyer (public preference) ~	Workspace
Warehouse (public preference)	List
(public preference)	Card File
	Template
Options	Find
Flag changes as revisions (public preference) $\vee$	Broadcast
Receive Complete Template (last used)	
Continue Cancel Help	

- Sets default values for specific fields
- Options will change depending on the file



## **Object Preferences - Workspace**

<sup>infor</sup> (IP) Purchase	Order Preferences		×
	(public preference)	✓ ⊑	General Workspace List Card File Template Find Broadcast
Continue	Cancel H	lelp	

- Workspaces define multiple values for a file:
  - View
  - Subset
  - Sort
  - Toolbar
- Useful to prevent having to select each individually



## **Object Preferences - List**

Initial view       (public preference)       Initial subset       General         Initial sort       (public preference)       Initial sort       Workspace         Open action       (public preference)       Initial sort       Card File <alt> open action       (public preference)       Initial sort         <ctrl> open action       (public preference)       Broadcast</ctrl></alt>	<sup>nfor</sup> (IP) Purchase O	der Preferences	×
	Initial subset Initial sort Open action <alt> open action</alt>	(public preference) (public preference)	Workspace List Card File Template Find

- List options determine the view, subset and sort to use when you open the object
- Open Actions are used when you double click on a record in the list
  - 3 options for open
    - Double click only
    - Hold the 'Alt' key while double clicking on the record
    - Hold the 'Ctrl' key while double clicking



## Object Preferences – Card File

<sup>infor</sup> (IP) Purchase	Order Preferences			×
Initial selection Initial card Tab style	(public preference) (public preference) (public preference)	<ul> <li>✓ 倒</li> <li>✓ E</li> </ul>	Power-Link Net-Link	General Workspace List Card File Template Find Broadcast
Continue	Cancel	Help		

- Initial Selection
  - Sets the default card file to be used when opening/double clicking on a record in the list
- Initial Card
  - Determines which card should be the active card when the card file opens
- Tab Style
  - Sets the position of the tabs in the card file



### **Object Preferences - Template**

infor (IP) Purchase Order Preferences	×
Create template	<u>G</u> eneral
-	Workspace
	List
Copy template	Card File
(public preference) V	Template
Change template	Find
	Broadcast
(public preference) V	
Continue Cancel Help	

- Sets the default template for each action:
  - Create
  - Copy
  - Change



### Object Preferences – Searc Searc

inf	• <mark>•</mark> (IP) Purchase	e Order Preferences	5		×
	View Subset Sort	(public preference) (public preference) (public preference)			<u>G</u> eneral Workspace List Card File Template Find Broadcast
_	<			>	
	Continue	Cancel	Help		
1					

- When using the 'Search' button
  - Sets the View, Subset and Sort for the records that are displayed



## **Object Preferences - Broadcast**

Infor (IP) Purchase Order Prefe	erences		×
Use public preference	Broadcast		<u>G</u> eneral Workspace List
Buyer Purchase Order Extension Purchase Order Totals Vendor Warehouse Ship-to	Purchase Order     >>	^	Card File Template Find Broadcast
< >	<	× >	
Continue Cancel	Help		

- Broadcast/receive is used when defining a 'Work Bench'
- Preference setting defines the files that will be used to broadcast
- NOTE: if you set up a broadcast/receive option between 2 lists and, when clicking on a second record, the 'Receive' display isn't updating, check your preferences
  - Uncheck the 'Use Public Preference' option
  - Select all the files in the 'Do Not Broadcast' box
  - Add them to the 'Broadcast' list



# Shortcut Keys

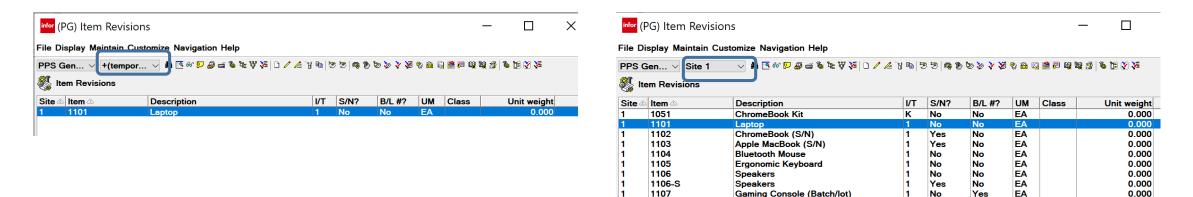


## Shortcut keys

- Control (CTRL) + Z: Undo
  - Useful when using prompted or temporary subsets; goes back to the previous subset
- Control + C: *Copy* 
  - Copies a value to a field even if it's copied from another file (i.e. Excel) or a field on an attribute card
- Control + V: Paste
  - Inserts the copied value into a field
- Control + Y: *Re-display prompt* 
  - If using a subset (either temporary or saved) with a 'Prompt' field, will re-display the pop-up to allow for a different value
- Control + L or Control + F: Locate/Find
  - Jump to a value in a list
  - Only the fields that are used in the Sort will be displayed when using the Locate/Find shortcut



## Control (CTRL) + Z: Undo



- Right Click on 'Item' then 'Customize' and 'Subset Criteria' creates a 'Temporary Subset'
- Control + Z will take you back to the previous subset that was being used



### Control + C: Copy

- Highlight a value in a field then press Control + C to copy that value
- In the example below, the description of the item is being copied

efault	🔽 🏳 🖉 🖆 📽 🖉 🌾 🖓 🗘 🖊 🖄 🖄 🧐 🏵 💆	) 🗣 🕅 🕼 👘 🖓 🛠 🖴 🖓 🎇 🖓 🖓 🖗 🖓	¥.	
1101 Laptop S	ite: 1 PPS Site Rev: Alt:			
ltem	1101 🗟	Physical Characteristics		<u>G</u> eneral
Description	Laptop 📭	Stocking UM	EA = EACH	<u>E</u> ngineering
tem type	1 - Accombly V	Clocking Om		Procurement
nventory code	Inventory V	Unit weight	0.000	Inventory
		Weight UM	EA = EACH	<u>S</u> ales
tem class	(blank)	Supplementary weight	0.0000	<u>C</u> osts Translations
/alue class		Supplementary weight UM	(blank)	
Department		Unit volume	0.000	
tem accounting class		Volume UM	(blank)	
		Specific gravity	0.0000	
Stocking UM	EA = EACH			
Default inventory status	s Q 📓	<	>	
				_
Carrying rate	.000	Engineering Characteristics		
Country of origin	(blank)	✓ Implementation status (A	LL) 🔍 🖳	
tem bitmap or icon		Drawing number		
MRO item		Assemblies where-used 0		
Effective from date	01/01/1940			
Effective to date				
	Current			
		<	>	
		Jr		

### Control + V: Paste

- When using Attribute Cards, right clicking on a value (Item Number in the print screen below) will display an option to copy to clipboard
- Then, using the Locate button **I**, use Control + V to paste in the number

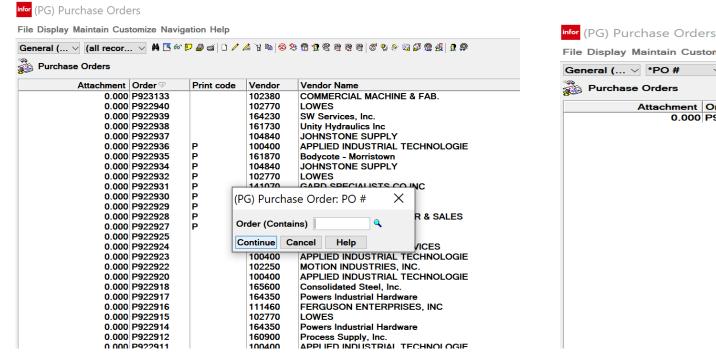
fault 1101 Laptop Si	✓  ▷  Ø  ▲  ७  ♥ te: 1 PPS Site	[월 □ / ▲ 김 ʰ (중 중 ) @ 중 (영) Rev: Alt:	>>>>> >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	2 11 <i>3</i>   12 14 19 19 19 19 19	2 <b>3</b> 4	
orm escription entrype ventory code erm class alue class alue class appartment erm accounting class cocking UM efault inventory status arrying rate	1 = Josephiny (blank) (blank) (blank) (blank) (blank) EA = EACH	Physical C aracteristics clipboard U Unit weight Weight UM Supplementary weight UM Unit volume Volume UM Specific gravity	EA = EACH 0.000 EA = EACH 0.0000 (blank) 0.000 (blank) 0.0000	Height Length Width Inside diameter Outside diameter Dimensional UM Shape code	0.000 0.000 0.000 0.000 (blank) (blank)	General Engineeri Procurem Inventory Sales Costs Translatio
ountry of origin am bitmap or icon RO item fective from date fective to date	(blank) (blank) No 01/01/1940 (blank) Current		ank) Type	ured item Not confi (none) vel code 0	gured	

(PG) Locate Item Revision	×
	Q 🗞
Site 1 Revision	
Continue Undo Cancel H	Help



## Control + Y: *Re-display prompt*

 If you're using a Subset that has a 'Prompt for Value' field in it, Control + Y will re-display the Prompt window without having to re-select the subset



File Display Maintain Customize Navigation Help

### 🤍 🗰 💽 🖉 🚄 🗅 🥖 🚈 🎖 🖷 🕺 🎗 📾 🖉 🛠 🗟 😹 🖉 🌮 🖓 💭 🏭 🎜 👧

Attachment (	Order 🗸	Print code	Vendor	Vendor Name
0.000	P922907		102770	LOWES

(PG) Purchase Order: PO #	×
Order (Contains)	•
Append to active subset: PO	#
Continue Cancel Help	



## Control + L or Control + F: Locate/Find

- Clicking on the 'Locate' button
- OR using Control + L (Locate)
- OR using Control + F (Find) will bring up a window asking for criteria to locate/find the record
- NOTE: The sort being used on the list determines the fields displayed in the locate/find prompt

(PG) Loca	ate Item Revision	$\times$
Item	<b>%</b>	
Site	1 🔍 🛋	
Revision	٩	
Continue	Undo Cancel Help	



## Conclusion

- PowerLink gets it's name from the 'Power' options available throughout the application
- Topics for the next presentation 'The Power of PowerLink Part 2'
  - Cards
  - Card Files
  - Workbenches
  - Workspaces
  - Presentation Schemes
  - Quick change

